



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,135	11/14/2001	David Carroll Challenger	RSP9 2001 0049	6172

53493 7590 04/03/2007  
LENOVO (US) IP Law  
Mail Stop ZHHA/B675/PO Box 12195  
3039 Cornwallis Road  
RTP, NC 27709-2195

EXAMINER
----------

LASHLEY, LAUREL L

ART UNIT	PAPER NUMBER
----------	--------------

2132

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/03/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/993,135	<b>Applicant(s)</b> CHALLENGER ET AL.	
	<b>Examiner</b> Laurel Lashley	<b>Art Unit</b> 2132	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 January 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

**DETAILED ACTION**

***Response to Amendment***

1. The amendments filed 01/16/2007 have been accepted and entered.

***Response to Arguments***

2. Applicant's arguments filed 01/16/2007 have been fully considered but they are not persuasive. It is applicant's assertion that Varadharajan et al. does not disclose the requirements of claims 1 and 7 of resetting a timer within said portable computing system and for providing access to said secure data only when said timer is running as a part of a method for providing access to secure data through a portable computer system during a specified time. The Examiner respectfully disagrees. Varadharajan et al. discloses activation means responsive to the presence of the portable device that then initiates transmission of information to and from the host and portable devices. (see column 2, lines 43 - 46) Varadharajan et al. discloses that during communication, an activation signal produces current flow, which is logged in an audit file. It is only in the instance when the activation means receives a signal and receipt of an authenticated code from the devices that data is communicated. The audit file provides information about the transaction's origination (sender, time, etc.) (see column 5, lines 61 - 67). Since the audit file is able verify information about the transaction related to time and allowed access within a predetermined parameter (i.e. responsiveness of activation means to signaled and authenticated devices), the Examiner believes the teachings of Varadharajan et al. to be relevant to Applicant's claimed invention. The Applicant has presented similar arguments the for the remaining dependent and independent claims and as such they are rejected for similar reasons.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 – 49 are rejected under 35 U.S.C. 102(b) as being anticipated by Varadharajan et al. in US Patent No 5887063 (hereinafter US '063).

As for claim 1, US '063 discloses:

A method for providing access to secure data through a portable computing system during a specified time, wherein said method comprises:

establishing a connection between said portable computing system and a base computing system to provide for transfer of data between said portable computing system and said base computing system;

verifying identity of said base computing system within said portable computing system;

resetting a timer within said portable computing system to run for a specified time; and

providing access to said secure data only when said timer is running. (see Figure 1, items 10 and 12; column 2, lines 31 - 46 and 59 – 65; Abstract)

For claim 2, US '063 discloses:

The method of claim 1, wherein verifying identity of said base computing system within said portable computing system comprises:

receiving and storing a public cryptographic key from said base computing system during an initialization process,

following said initialization process, generating a random number within said portable computing system;

Art Unit: 2132

transmitting said random number to said base computing system;  
receiving a number transmitted from said base computing system;  
decrypting said number transmitted from said base computing system to form a  
decrypted number; and  
determining that said decrypted number matches said random number. (see column 4,  
lines 22 – 42)

For claim 3, US '063 discloses:

The method of claim 1, additionally comprising a step of verifying whether a password is  
entered correctly in said portable computing system. (see column 4, lines 43 – 52)

For claim 4 and 47, US '063 teaches:

The method of claim 3, wherein said step of verifying whether a password is entered correctly  
includes:

transmitting an initial password to said base computing system during an  
initialization process,  
storing said initial password within said base computing system;  
following said initialization process, transmitting a present password to said base  
computing system;  
determining in said base computing system that said initial password matches said  
present password;  
transmitting an approval code from said base computing system to said portable  
computing system; and  
determining that said approval code has been received. (see column 4, lines 13 – 21)

For claim 5 and 48, US '063 teaches wherein said connection is established through a  
switched telephone network. (see column 4, lines 26 – 28)

For claim 6 and 49, US '063 teaches wherein said timer includes a timer register storing a number corresponding to a time remaining,

said number corresponding to a time remaining is decremented in response to a series of timing pulses generated within said portable computing system, and

setting said timer includes storing a number corresponding to said specified time in said timer register. (see column 3, lines 7 – 9; column 4, lines 8- 12)

For claim 7, US '063 discloses:

A method providing for access to secure data through a portable computing system, wherein said access to said secure data is limited to a specified time, and wherein said method comprises:

initializing a base computing system and said portable computing system to work together as a system by an initialization process comprising;

storing data identifying said base computing system within said portable computing system; and

resetting said portable computing system by a reset process following said initialization process including:

establishing a connection to transmit data between said portable computing system and a base computing system;

determining, using said data identifying said base computing system, that said connection has been made between said portable computing system and said base computing system;

setting a timer within said portable computing system to run until said specified time has expired;

Art Unit: 2132

determining if said timer is running; and providing access to said secure data only when said timer is running. (see column 2, lines 31 – 46 and 59 – 65; Figure 1; Abstract)

For claim 8, US '063 teaches:

The method of claim 7, wherein said initialization process additionally includes determining whether said data identifying the base computing system has been previously stored in said portable computing system;

if said data identifying a base computing system is determined to have been previously stored, said data identifying a base computing system remains without being overwritten during said initialization process. (see column 2, lines 35 – 37; column 3, lines 7 – 9; column 4, lines 13 – 21)

For claim 9, US '063 teaches:

The method of claim 8, wherein said data identifying said base computing is a public cryptographic key of said base computing system, and wherein said process of determining that said connection has been made between said portable computing system and said base computing system includes:

generating and storing random number within said portable computing system;  
transmitting said random number from said portable computing system to said base computing system;

encrypting said random number within said base computing system with a private cryptographic key of said base computing system to form an encrypted number;

transmitting said encrypted number from said base computing system to said portable computing system;

decrypting said encrypted number within said portable computing system with said public cryptographic key of said base computing system to form a decrypted number; and

comparing said decrypted number with said random number stored within said portable computing system. (see column 4, lines 34 – 42)

For claim 10, US '063 teaches:

The method of claim 8, wherein said timer includes a timer register storing a number corresponding to a time remaining,

said number corresponding to a time remaining is decremented in response to a series of timing pulses generated within said portable computing system, and

setting said timer includes storing a number corresponding to said specified time in said timer register. (see column 2, lines 43 – 46; column 3, lines 7 – 9)

For claim 11, US '063 teaches:

The method of claim 8, wherein said method additionally comprises receiving an input corresponding to a time, and setting said specified time according to said input. (see column 4, lines 9 – 12)

For claim 12, US '063 teaches:

The method of claim 8, additionally comprising storing a cryptographic public cryptographic key of said portable computing system within said base computer system. (see column 4, lines 64 – 67; column 5, lines 1 – 8)

For claim 13, US '063 teaches:

The method of claim 8, wherein said initialization process additionally includes receiving a present password as an input, determining if a password has been previously stored, and storing said present password in response to a determination that said password has not been previously stored,

said reset process additionally includes receiving a present password as an input and determining if said present password matches a stored password;



and

said timer is set within said portable computing system only in response to a determination that said present password matches said stored password. (see column 4, lines 13 – 21)

For claim 14, US '063 teaches:

The method of claim 13, wherein said present password is received as an input within said portable computing system,

said present password is transmitted from said portable computing system to said base computing system,

said present password is stored within said base computing system following a determination that a password is not previously stored within said base computing system;

a determination is made in said base computing system of whether said present password matches a stored password,

said reset process additionally includes transmitting an approval code from said base computing system to said portable computing system in response to a determination that said present password matches said stored password,

and

said timer is set within said portable computing system in response to receiving said approval code. (see column 4, lines 13 – 21)

For claim 15, US '063 teaches:

The method of claim 14, wherein said data identifying said base computing is a public cryptographic key of said base computing system, and wherein said process of determining that said connection has been made between said portable computing system and said base computing system includes:

Art Unit: 2132

generating and storing random number within said portable computing system;

concatenating said random number and said present password within said portable computing system to form a concatenated number;

encrypting said concatenated number within said portable computing system with said public cryptographic key of said base computing system to form a first encrypted number;

transmitting said first encrypted number from said portable computing system to said base computing system decrypting said first encrypted number within said base computing system with a private cryptographic key of said base computing system to form a decrypted number;

dividing said decrypted number to form a decrypted random number and said present password;

encrypting said decrypted random number within said base computing system with a private cryptographic key of said base computing system to form a second encrypted number;

transmitting said second encrypted number from said base computing system to said portable computing system;

decrypting said second encrypted number within said portable computing system with said public cryptographic key of said base computing system to form a decrypted number; and

comparing said decrypted number with said random number stored within said portable computing system. (see column 2, lines 31 – 46 and 59 – 65; column 4, lines 34 – 42; Abstract; Figure 1)

For claim 16, US '063 teaches:

A system for providing controlled access to secure data, wherein said system comprises:

Art Unit: 2132

a portable computing system providing said controlled access to secure data during a specified time, wherein said portable computing system includes first processing means, first storage means, and a timer;

a base computing system including second processing means and second storage means;

a connection between said portable computing system and said base computing system for transmitting data between said portable computing system and said base computing system; and

a first program, executing within said first processing means, causing, said portable computing system to perform a process including:

determining if a public cryptographic key is stored in a first location within said first storage means;

in response to determining that a public cryptographic key is not stored in said first location, transmitting a request code, receiving said public cryptographic key, and storing said public cryptographic key in said first location;

transmitting a first code;

receiving a response to said first code;

determining from said response to said first code if a connection has been made to said base computing system; and

setting said timer to run until said specified time has expired;

a subroutine executing within said first processing means, causing said portable computing system to perform a process including:

determining if said timer is running; and

providing access to said secure data only when said timer is

running; and

a second program, executing within said second processing means, causing said base computing system to perform a process including:

receiving said request code;

in response to receiving said request code, transmitting a public cryptographic key of said base computing system to said portable computing system;

receiving said first code; and

in response to receiving said first code, transmitting said response to said first code. (see column 2, lines 31 – 46 and 59 – 65; column 4, lines 1 – 52; Abstract; Figure 1)

For claim 17, US '063 teaches:

The system of claim 16, wherein said first storage means includes a timer register storing a number corresponding to a time remaining,

said number corresponding to a time remaining is decremented in response to a series of timing pulses generated within said portable computing system, and

setting said timer includes storing a number corresponding to said specified time in said timer register. (see column 2, lines 43 – 46; column 3, lines 7- 9)

For claim 18, US '063 teaches:

The system of claim 17, wherein

transmitting said first code includes generating a random number, storing said random number in a second location within said first storage, and transmitting said random number to said base computing system as said first code,

transmitting said response to said first code includes encrypting said random number with a private cryptographic key of said base computing system to form an encrypted

Art Unit: 2132

random number, and transmitting said encrypted random number as said response to said portable computing system as said response to said first code, and

determining from said response to said first code if a connection has been made to said base computing system includes decrypting said encrypted number to form a decrypted number and comparing said decrypted number with said random number stored in said second location within said first storage. (see column 4, lines 22 – 52; column 4, line 62 – column 5, lines 1 – 15)

For claim 19, US '063 discloses:

The system of claim 18, wherein said first processing means includes a first microprocessor and a first cryptographic processor,

said encrypted number is decrypted in said first cryptographic processor,

said first storage means includes first secure storage accessed only through said first cryptographic processor, and

said first location and said timer register within said first storage means are within said secure storage. (see column 4, lines 22 – 42; column 3, lines 7-9)

For claim 20, US '063 discloses:

The system of claim 18, wherein

said second processing means includes a second microprocessor and a second cryptographic processor,

said random number is encrypted to form said encrypted number within said second cryptographic processor,

said second storage means includes second secure storage accessed only through said second cryptographic processor and

said private cryptographic key of said base computing system is stored within said second secure storage. (see column 5, lines 1 – 15, 33 – 39 and 47 – 53)

For claim 21, US '063 discloses:

The system of claim 16, wherein

said portable computing system additionally includes a display,

said first program additionally causes a successful completion message to be displayed on said display in response to a determination from said response to said first code that a connection has been made to said base computing system,

and said first program additionally causes an error message to be displayed on said display in response to a determination from said response to said first code that a connection has not been made to said base computing system. (see column 4, line 63 - column 5, lines 1 – 15 and 55 – 59)

For claim 22, US '063 discloses:

The system of claim 16, wherein

said portable computing system additionally includes a display and a keyboard, and

said first program causes said portable computing to perform a process additionally including displaying a menu, receiving a user input from said keyboard as said menu is displayed, and determining said specified time from said user input. (see column 4, lines 43 – 52; column 5, lines 55 – 59)

For claim 23, US '063 discloses:

The system of claim 16, wherein

said portable computing system additionally includes a display and a keyboard,

Art Unit: 2132

said first program causes said portable computing system to perform a process additionally including displaying a menu and receiving a password from said keyboard as said menu is displayed,

transmitting said first code includes:

generating a random number;

storing said random number in a second location within said first storage;

concatenating said random number with said password to form a concatenated number

encrypting said concatenated number with a private cryptographic key of said portable computer system stored in a third location within said first storage means to form said first code; and

transmitting said random number to said base computing system as said first code,

transmitting said response to said first code includes:

decrypting said first code with a private cryptographic key of said base computing system stored in a fourth location within said second storage means;

separating said password from said random number;

determining whether said password separated from said random number matches a password stored;

encrypting said random number with a private cryptographic key of said base computing system to form an encrypted random number, and

Art Unit: 2132

in response to determining that said password separated from said random number matches said password stored, transmitting said encrypted random number as said response to said portable computing system as said response to said first code,

said second program causes said base computing system to perform a process additionally including:

determining if a password is stored in a fifth location within said second storage means;

in response to a determination that a password is not stored in said fifth location, storing said password separated from said random number in said fifth location;

in response to a determination that a password is stored in said fifth location, comparing said password stored in said fifth location with said password separated from said random number;

in response to determining that said password stored in said fifth location matches said password separated from said random number,

encrypting said random number and to form a transmitting an approval code to said portable computing system as said response to said first code; and

determining from said response to said first code if a connection has been made to said base computing system includes determining that said approval code has been received.

(see column 2, lines 31 – 46 and 59 – 65; column 4, lines 34 – 42 and line 55 – column 5, lines 1 – 15; Abstract; Figure 1)

For claim 24, US '063 discloses:

The system of claim 23, wherein

said second program causes said base computing system to perform a process additionally including, in response to determining that said password stored in said fifth



Art Unit: 2132

location does not match said password separated from said random number, transmitting an error code to said portable computing system as said response to said first code

said first program causes said portable computing to perform a process additionally including displaying a successful completion message on said display in response to receiving said approval code, and displaying an error message on said display in response to receiving said error code. (see column 4, lines 62 – column 5, lines 1 – 15)

For claim 25, US '063 discloses:

The system of claim 23, wherein

said first storage means includes a timer register storing a number corresponding to a time remaining,

said number corresponding to a time remaining is decremented in response to a series of timing pulses generated within said portable computing system, and

setting said timer includes storing a number corresponding to said specified time in said timer register. (see column 3, lines 7 – 9; column 4, lines 8 – 12)

For claim 26, US '063 discloses:

The system of claim 23, wherein said first processing means includes a first microprocessor and a first cryptographic processor,

said concatenated number is encrypted in said first cryptographic processor,

said first storage means includes first secure storage accessed only through said first cryptographic processor, and

said secure storage includes said first location, said third location, and said timer register within said first storage means. (see column 2, lines 43 – 46; column 3, lines 7 – 9)

For claim 27, US '063 discloses:

The system of claim 23, wherein

Art Unit: 2132

said second processing means includes a second microprocessor and a second cryptographic processor,

said random number is encrypted to form said encrypted number within said second cryptographic processor,

said second storage means includes second secure storage accessed only through said second cryptographic processor, and

said fourth and fifth locations within said second storage means are within said second secure storage. (see column 5, lines 1 – 15, 33 – 39 and 47 – 53)

For claim 28, US '063 discloses:

The system of claim 23, wherein

transmitting said request code includes transmitting a public cryptographic key of said portable computing system, and

receiving said request code includes storing said public cryptographic key of said portable computing system in a sixth location within said second storage means. (see column 5, lines 1 – 15, 33 – 39 and 47 – 53)

As for claim 29, US '063 discloses:

A computer readable medium within a portable computing system,

wherein said computer readable medium has computer readable instructions for performing a method comprising:

determining if a public cryptographic key is stored in a first location within said first storage means;

in response to determining that a public cryptographic key is not stored in said first location, transmitting a request code, receiving said public cryptographic key, and storing said public cryptographic key in said first location;

Art Unit: 2132

made transmitting a first code;  
receiving a response to said first code;  
determining from said response to said first code if a connection has been to a base computing system; and

setting a timer to run until a specified time has expired. (see column 4, lines 34 – 42;  
column 5, lines 15 – 30)

For claim 30, US '063 discloses:

The computer readable medium of claim 29, wherein setting said timer includes storing a number corresponding to said specified time in a timer register. (see column 2, lines 43 – 46)

For claim 31, US '063 discloses:

The computer readable medium of claim 29, wherein

transmitting said first code includes generating and storing a random number, and transmitting said random number to said base computing system as said first code, and

determining from said response to said first code if a connection has been made to a base computing system includes decrypting an encrypted number to form a decrypted number and comparing said decrypted number with said random number. (see column 4, lines 22 – 52)

For claim 32, US '063 discloses:

The computer readable medium of claim 29, wherein said method additionally comprises:

displaying a successful completion message in response to receiving an approval code; and

Art Unit: 2132

displaying an error message in response to receiving an error code. (see column 4, line 63 – column 5, lines 1 – 15)

For claim 33, US '063 discloses:

The computer readable medium of claim 29, wherein said method additionally comprises:

- displaying a menu;

- receiving an input from a keyboard as said menu is displayed; and

- determining said specified time from said input. (see Figure 1)

For claim 34, US '063 discloses:

The computer readable medium of claim 29, wherein

said method additionally includes displaying a menu and receiving a password from a keyboard as said menu is displayed,

- said step of transmitting a first code includes:

- generating a random number;

- storing said random number in a second location within said first storage;

- concatenating said random number with said password to form a concatenated number,

- encrypting said concatenated number with a private cryptographic key of said portable computer system stored in a third location within said first storage means to form said first code; and

- transmitting said random number to said base computing system as said first code. (see column 4, lines 34 – 42)

As for claim 35, US '063 discloses:

Art Unit: 2132

In a portable computing system having a user interface including a display and a keyboard, a method for limiting access to secure data to a

specified time, wherein said method comprises:

displaying a screen location for entering a number;

accepting an input from said keyboard;

displaying said input from said keyboard in said screen location;

calculating a number determining said specified time as a function of said input from said keyboard;

generating a random number;

transmitting said random number to a base computing system;

receiving an encrypted number from said base computing system,

decrypting said encrypted number with a public cryptographic key stored within said portable computing system to form a decrypted number;

determining if said random number matches said decrypted number; and

in response to determining that said random number matches said decrypted number, setting a timer within said portable computing system to run for said specified time, wherein said access to secure data is provided only when said time is running. (see column 4, lines 22 – 52; Figure 1)

For claim 36, US '063 discloses:

The method of claim 35, additionally comprising:

displaying a successful completion message in response to determining

that said random number matches said decrypted number; and

displaying an error message in response to determining that said random

Art Unit: 2132

number does not match said decrypted number. (see column 4, line 63 – column 5, lines 1 – 5)

As for claim 37, US '063 discloses:

In a portable computing system having a user interface including a display and a keyboard, a method for limiting access to secure data to a specified time, wherein said method comprises:

- displaying a first screen location for entering a password and a second screen location for entering a number;
- accepting a first input from said keyboard;
- generating a password from said first input;
- accepting a second input from said keyboard;
- displaying said input from said keyboard in said second screen location;
- calculating a number determining said specified time as a function of said second input from said keyboard;
- generating a random number;
- encrypting said password with a public cryptographic key stored in said portable computing system;
- transmitting said random number to a base computing system;
- receiving an encrypted number from said base computing system,
- decrypting said encrypted number with said public cryptographic key stored within said portable computing system to form a decrypted number;
- determining if said random number matches said decrypted number; and
- in response to determining that said random number matches said decrypted number, setting a timer within said portable computing system to run for said specified time,

Art Unit: 2132

wherein said access to secure data is provided only when said timer is running. (see column 4, line 12 – column 5, lines 1 – 15)

For claim 38, US '063 discloses:

The method of claim 35, additionally comprising:

displaying a successful completion message in response to determining that said random number matches said decrypted number; and

displaying an error message in response to determining that said random number does not match said decrypted number and in response to receiving an error code from said base system. (see column 5, lines 1 – 5)

For claims 39 - 43 US '063 discloses wherein said access to secure data is provided to said secure data with said portable computing system being connected to transmit and receive data from said base computing system on a periodic basis. (see column 4, lines 26 – 32)

For claim 44, US '063 discloses:

A portable computer including data storage storing secure data;

communication means for connection to a base computer for data exchange;

and processor means executing a security timer program including:

establishing a connection between said portable computing system and a base computing system to provide for transfer of data between said portable computing system and said base computing system;

verifying identity of said base computing system within said portable computing system;

resetting a timer within said portable computing system to run for a specified time;

and

providing access to said secure data only when said timer is running. (see Figure 1, items 10 and 12; column 2, lines 31 - 46 and 59 - 65; Abstract)

For claim 45, US '063 discloses:

The portable computer of claim 1, wherein said step of verifying identity of said base computing system comprises:

receiving and storing a public cryptographic key from said base computing system during an initialization process,

following said initialization process, generating a random number within said portable computing system;

transmitting said random number to said base computing system;

receiving a number transmitted from said base computing system;

decrypting said number transmitted from said base computing system to form a decrypted number; and

determining that said decrypted number matches said random number. (see column 4, lines 13 - 21)

For claim 46, US '063 discloses:

The portable computer of claim 44, additionally comprising a keyboard for data entry, wherein said method additionally comprises a step of verifying whether a password is entered correctly through said keyboard. (see column 4, lines 43 - 52; column 5, lines 55 - 59)

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hocker et al. in US Patent No. 5930368 discloses a docking method for establishing secure wireless connection between computer devices.



5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laurel Lashley whose telephone number is 571-272-0693. The examiner can normally be reached on Monday - Thursday, alt Fridays btw 7:30 am & 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, Jr. can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Art Unit: 2132

Laurel Lashley  
Examiner

Art Unit 2132

*LL*  
21 March 2007

*Gilberto Barron Jr*  
GILBERTO BARRON JR  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100